

**REMARKS**

All claims have been amended to remove superfluous reference numerals, and to ensure that no claim is interpreted as a step-plus-function claim under 35 U.S.C. §112, sixth paragraph. No claims has been narrowed in view of any reason for patentability.

Claims 2 and 7 have been cancelled. Claims 3 and 6 have been amended to depend from claim 1.

**A. The Rejections**

Claim 7 was rejected under 35 U.S.C. §101 because the claimed invention is allegedly directed to non-statutory subject matter. Claim 7 has been cancelled.

Claims 1, 3, 5, and 7 were rejected under 35 U.S.C. §103(a) as being unpatentable over “Tetrahedral Finite Element Mesh Generation from NURBS Solid Models” (“Gürsoy”) in view of “Dual Contouring of Hermite Data” (“Ju”).

**B. Allowable Subject Matter**

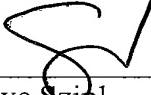
The Examiner has indicated that claims 2, 4, and 6 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, claim 1 has been amended to include the limitations of claim 2 and claims 3 and 6 have been amended to depend from claim 1. Thus, the Applicant respectfully asserts that the application is in condition for allowance.

## CONCLUSION

In view of the present amendment, Applicants respectfully assert that claims 1, and 3-6 are in condition for allowance and a prompt notice of allowance is earnestly solicited.  
The below-signed attorney for Applicants welcomes any questions.

Respectfully submitted,

*GRIFFIN & Szipl, P.C.*



---

Joerg-Uwe Szipl  
Registration No. 31,799

GRIFFIN & Szipl, P.C.  
Suite PH-1  
2300 Ninth Street, South  
Arlington, VA 22204

Telephone: (703) 979-5700  
Facsimile: (703) 979-7429  
Email: [gands@szipl.com](mailto:gands@szipl.com)  
Customer No.: 24203